

Claims

[c1] WHAT IS CLAIMED IS:

1.A cargo retention rail system molded as an integral part of a vehicle floor panel for securing cargo in a vehicle cargo area comprising in cooperative combination: at least one cargo retention rail molded into a vehicle floor panel, said cargo retention rail having a channel with an exposed opening for accepting; a cargo retention locking device; anda cargo retaining device mountable to said cargo retention locking device; thereby allowing for cargo to be securely positioned within a vehicle cargo area.

[c2] 2.The cargo retention rail system as claimed in Claim 1 wherein, there are a pair of parallel spaced apart retention rails molded into said vehicle floor panel.

[c3] 3.The cargo retention rail system as claimed in Claim 1 wherein, said cargo retention rail is composed of extruded aluminum.

[c4] 4.The cargo retention rail system as claimed in Claim 1 wherein, said cargo retention rail is composed of a polymer.

- [c5] 5.The cargo retention rail system as claimed in Claim 4 wherein, said polymer is an engineered resin.
- [c6] 6.The cargo retention rail system as claimed in Claim 2 wherein, said pair of parallel spaced apart retention rails is positioned with their longitudinal axis in line with the longitudinal axis of the vehicle.
- [c7] 7.The cargo retention rail system as claimed in Claim 2 wherein, said pair of parallel spaced apart retention rails is positioned with their longitudinal axis perpendicular to the longitudinal axis of the vehicle.
- [c8] 8.The cargo retention rail system as claimed in Claim 1 wherein, said at least one cargo retention rail is molded in said vehicle floor panel.